

## Agricultural Management Assistance

Fiscal Year 2021

| Code | Practice                       | Component  | Units | Unit Cost |
|------|--------------------------------|--|-------|-----------|
| 309  | Agrichemical Handling Facility | Concrete Pad for mixing and loading                          | SqFt  | \$10.35   |
| 309  | Agrichemical Handling Facility | HU-Concrete Pad for mixing and loading                       | SqFt  | \$12.42   |
| 309  | Agrichemical Handling Facility | Enclosed Building for Storage and Handling                   | SqFt  | \$20.42   |
| 309  | Agrichemical Handling Facility | HU-Enclosed Building for Storage and Handling                | SqFt  | \$24.51   |
| 309  | Agrichemical Handling Facility | Greenhouse, Pallet Drum Storage and Poly Pad for Handling    | SqFt  | \$14.17   |
| 309  | Agrichemical Handling Facility | HU-Greenhouse, Pallet Drum Storage and Poly Pad for Handling | SqFt  | \$17.00   |
| 313  | Waste Storage Facility         | Above Ground Steel/Concrete 100 to 200K ft3 Storage          | Cu-Ft | \$1.92    |
| 313  | Waste Storage Facility         | HU-Above Ground Steel/Concrete 100 to 200K ft3 Storage       | Cu-Ft | \$2.30    |
| 313  | Waste Storage Facility         | Above Ground Steel/Concrete up to 25K ft3 Storage            | Cu-Ft | \$5.95    |
| 313  | Waste Storage Facility         | HU-Above Ground Steel/Concrete up to 25K ft3 Storage         | Cu-Ft | \$7.14    |
| 313  | Waste Storage Facility         | Bedded Pack, Concrete Wall, Concrete Floor                   | SqFt  | \$21.41   |
| 313  | Waste Storage Facility         | HU-Bedded Pack, Concrete Wall, Concrete Floor                | SqFt  | \$25.69   |
| 313  | Waste Storage Facility         | Bedded Pack, Timber Wall, Concrete Floor                     | SqFt  | \$10.19   |
| 313  | Waste Storage Facility         | HU-Bedded Pack, Timber Wall, Concrete Floor                  | SqFt  | \$12.23   |
| 313  | Waste Storage Facility         | Concrete Block, Rectangular, Without Roof                    | Cu-Ft | \$2.10    |
| 313  | Waste Storage Facility         | HU-Concrete Block, Rectangular, Without Roof                 | Cu-Ft | \$2.52    |
| 313  | Waste Storage Facility         | Concrete Stacking Slab with Curb                             | SqFt  | \$8.35    |
| 313  | Waste Storage Facility         | HU-Concrete Stacking Slab with Curb                          | SqFt  | \$10.02   |
| 313  | Waste Storage Facility         | Concrete Stacking Slab without Curb                          | SqFt  | \$6.03    |
| 313  | Waste Storage Facility         | HU-Concrete Stacking Slab without Curb                       | SqFt  | \$7.23    |
| 313  | Waste Storage Facility         | Concrete Tank, Buried 25 to 50K ft3 Storage                  | Cu-Ft | \$2.15    |
| 313  | Waste Storage Facility         | HU-Concrete Tank, Buried 25 to 50K ft3 Storage               | Cu-Ft | \$2.58    |
| 313  | Waste Storage Facility         | Concrete Tank, Buried 50 to 75K ft3 Storage                  | Cu-Ft | \$1.64    |
| 313  | Waste Storage Facility         | HU-Concrete Tank, Buried 50 to 75K ft3 Storage               | Cu-Ft | \$1.96    |
| 313  | Waste Storage Facility         | Concrete Tank, Buried 75 to 110K ft3 Storage                 | Cu-Ft | \$1.44    |
| 313  | Waste Storage Facility         | HU-Concrete Tank, Buried 75 to 110K ft3 Storage              | Cu-Ft | \$1.73    |
| 313  | Waste Storage Facility         | Concrete Tank, Buried over 110K ft3 Storage                  | Cu-Ft | \$1.29    |

| Code | Practice                  | Component  | Units | Unit Cost |
|------|---------------------------|--|-------|-----------|
| 313  | Waste Storage Facility    | HU-Concrete Tank, Buried over 110K ft3 Storage               | Cu-Ft | \$1.55    |
| 313  | Waste Storage Facility    | Concrete Tank, buried up to 15K ft3 Storage                  | Cu-Ft | \$2.90    |
| 313  | Waste Storage Facility    | HU-Concrete Tank, buried up to 15K ft3 Storage               | Cu-Ft | \$3.47    |
| 313  | Waste Storage Facility    | Concrete, Rectangular, With Concrete Top                     | Cu-Ft | \$6.73    |
| 313  | Waste Storage Facility    | HU-Concrete, Rectangular, With Concrete Top                  | Cu-Ft | \$8.08    |
| 313  | Waste Storage Facility    | Concrete, Rectangular, Without Roof up to 35K ft3 Storage    | Cu-Ft | \$2.78    |
| 313  | Waste Storage Facility    | HU-Concrete, Rectangular, Without Roof up to 35K ft3 Storage | Cu-Ft | \$3.33    |
| 313  | Waste Storage Facility    | Earthen Storage Facility up to 50K ft3 Storage               | Cu-Ft | \$0.28    |
| 313  | Waste Storage Facility    | HU-Earthen Storage Facility up to 50K ft3 Storage            | Cu-Ft | \$0.33    |
| 313  | Waste Storage Facility    | Plastic Tank   | Cu-Ft | \$11.40   |
| 313  | Waste Storage Facility    | HU-Plastic Tank  | Cu-Ft | \$13.68   |
| 313  | Waste Storage Facility    | Timber Sided with Concrete Floor                             | Cu-Ft | \$3.04    |
| 313  | Waste Storage Facility    | HU-Timber Sided with Concrete Floor                          | Cu-Ft | \$3.64    |
| 314  | Brush Management          | Brush Hog  | Ac    | \$103.79  |
| 314  | Brush Management          | HU-Brush Hog   | Ac    | \$124.54  |
| 314  | Brush Management          | Chemical Difficult Control                                   | Ac    | \$687.41  |
| 314  | Brush Management          | HU-Chemical Difficult Control                                | Ac    | \$824.89  |
| 314  | Brush Management          | Chemical Light   | Ac    | \$192.42  |
| 314  | Brush Management          | HU-Chemical Light  | Ac    | \$230.90  |
| 314  | Brush Management          | Chemical Moderate  | Ac    | \$318.94  |
| 314  | Brush Management          | HU-Chemical Moderate   | Ac    | \$382.73  |
| 314  | Brush Management          | Heavy Mechanical   | Ac    | \$653.30  |
| 314  | Brush Management          | HU-Heavy Mechanical  | Ac    | \$783.97  |
| 315  | Herbaceous Weed Treatment | Intensive  | Ac    | \$631.89  |
| 315  | Herbaceous Weed Treatment | HU-Intensive   | Ac    | \$758.26  |
| 315  | Herbaceous Weed Treatment | Low Density  | Ac    | \$53.08   |
| 315  | Herbaceous Weed Treatment | HU-Low Density   | Ac    | \$63.70   |
| 315  | Herbaceous Weed Treatment | Moderate Density   | Ac    | \$229.00  |
| 315  | Herbaceous Weed Treatment | HU-Moderate Density  | Ac    | \$274.80  |

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|------|--|--|-------|-----------|
| 316  | Animal Mortality Facility                          | Static pile, Concrete Pad                      | SqFt  | \$5.43    |
| 316  | Animal Mortality Facility                          | HU-Static pile, Concrete Pad                   | SqFt  | \$6.51    |
| 316  | Animal Mortality Facility                          | Static pile, Gravel pad                        | SqFt  | \$1.60    |
| 316  | Animal Mortality Facility                          | HU-Static pile, Gravel pad                     | SqFt  | \$1.93    |
| 317  | Composting Facility                                | Composter, concrete block bins                 | SqFt  | \$13.74   |
| 317  | Composting Facility                                | HU-Composter, concrete block bins              | SqFt  | \$16.48   |
| 317  | Composting Facility                                | Composter, timber bins                         | SqFt  | \$16.59   |
| 317  | Composting Facility                                | HU-Composter, timber bins                      | SqFt  | \$19.90   |
| 317  | Composting Facility                                | Composting Pad, Windrow, Concrete/Asphalt      | SqFt  | \$5.83    |
| 317  | Composting Facility                                | HU-Composting Pad, Windrow, Concrete/Asphalt   | SqFt  | \$6.99    |
| 317  | Composting Facility                                | Urban/Peri-Urban Composter                     | SqFt  | \$31.10   |
| 317  | Composting Facility                                | HU-Urban/Peri-Urban Composter                  | SqFt  | \$37.32   |
| 318  | Short Term Storage of Animal Waste and By-Products | Poly Cover, Earthen Pad                        | Cu-Ft | \$0.32    |
| 318  | Short Term Storage of Animal Waste and By-Products | HU-Poly Cover, Earthen Pad                     | Cu-Ft | \$0.39    |
| 319  | On-Farm Secondary Containment Facility             | Concrete Containment with Roof over 150 SF     | SqFt  | \$31.70   |
| 319  | On-Farm Secondary Containment Facility             | HU-Concrete Containment with Roof over 150 SF  | SqFt  | \$38.04   |
| 319  | On-Farm Secondary Containment Facility             | Concrete Containment with Roof up to 150 SF    | SqFt  | \$41.77   |
| 319  | On-Farm Secondary Containment Facility             | HU-Concrete Containment with Roof up to 150 SF | SqFt  | \$50.13   |
| 319  | On-Farm Secondary Containment Facility             | Spill Pallet                                   | Gal   | \$4.61    |
| 319  | On-Farm Secondary Containment Facility             | HU-Spill Pallet                                | Gal   | \$5.53    |
| 325  | High Tunnel System                                 | Contiguous US Snow                             | SqFt  | \$3.42    |
| 325  | High Tunnel System                                 | HU-Contiguous US Snow                          | SqFt  | \$4.10    |
| 327  | Conservation Cover                                 | Introduced Species                             | Ac    | \$124.59  |
| 327  | Conservation Cover                                 | HU-Introduced Species                          | Ac    | \$149.51  |
| 327  | Conservation Cover                                 | Monarch Species Mix                            | Ac    | \$676.85  |
| 327  | Conservation Cover                                 | HU-Monarch Species Mix                         | Ac    | \$812.22  |
| 327  | Conservation Cover                                 | Native Species                                 | Ac    | \$153.02  |
| 327  | Conservation Cover                                 | HU-Native Species                              | Ac    | \$183.62  |
| 327  | Conservation Cover                                 | Pollinator Species                             | Ac    | \$539.21  |

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|------|--|---|-------|------------|
| 327  | Conservation Cover                           | HU-Pollinator Species   | Ac    | \$647.06   |
| 327  | Conservation Cover                           | Pollinator Species with Forgone Income  | Ac    | \$856.12   |
| 327  | Conservation Cover                           | HU-Pollinator Species with Forgone Income                                       | Ac    | \$973.25   |
| 328  | Conservation Crop Rotation                   | Basic Rotation Organic and Non-Organic  | Ac    | \$8.80     |
| 328  | Conservation Crop Rotation                   | HU-Basic Rotation Organic and Non-Organic                                       | Ac    | \$10.56    |
| 328  | Conservation Crop Rotation                   | Specialty Crops Organic and Non-Organic   | Ac    | \$23.47    |
| 328  | Conservation Crop Rotation                   | HU-Specialty Crops Organic and Non-Organic                                      | Ac    | \$28.16    |
| 340  | Cover Crop                                   | Cover Crop - Adaptive Management  | No    | \$1,875.13 |
| 340  | Cover Crop                                   | HU-Cover Crop - Adaptive Management   | No    | \$2,250.16 |
| 340  | Cover Crop                                   | Cover Crop - Basic (Organic and Non-organic)                                    | Ac    | \$51.74    |
| 340  | Cover Crop                                   | HU-Cover Crop - Basic (Organic and Non-organic)                                 | Ac    | \$62.09    |
| 340  | Cover Crop                                   | Cover Crop - Multiple Species (Organic and Non-organic)                         | Ac    | \$63.27    |
| 340  | Cover Crop                                   | HU-Cover Crop - Multiple Species (Organic and Non-organic)                      | Ac    | \$75.92    |
| 342  | Critical Area Planting                       | Hydroseed   | Ac    | \$929.79   |
| 342  | Critical Area Planting                       | HU-Hydroseed  | Ac    | \$1,115.75 |
| 342  | Critical Area Planting                       | Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)       | Ac    | \$738.52   |
| 342  | Critical Area Planting                       | HU-Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)    | Ac    | \$886.23   |
| 342  | Critical Area Planting                       | Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)    | Ac    | \$472.77   |
| 342  | Critical Area Planting                       | HU-Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic) | Ac    | \$567.32   |
| 342  | Critical Area Planting                       | Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)      | Ac    | \$236.93   |
| 342  | Critical Area Planting                       | HU-Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)   | Ac    | \$284.31   |
| 345  | Residue and Tillage Management, Reduced Till | Mulch till-Adaptive Management  | No    | \$3,028.02 |
| 345  | Residue and Tillage Management, Reduced Till | HU-Mulch till-Adaptive Management   | No    | \$3,633.62 |
| 345  | Residue and Tillage Management, Reduced Till | Residue and Tillage Management, Reduced Till                                    | Ac    | \$14.39    |
| 345  | Residue and Tillage Management, Reduced Till | HU-Residue and Tillage Management, Reduced Till                                 | Ac    | \$17.27    |
| 350  | Sediment Basin                               | Embankment earthen basin with pipe  | CuYd  | \$3.79     |
| 350  | Sediment Basin                               | HU-Embankment earthen basin with pipe   | CuYd  | \$4.55     |
| 350  | Sediment Basin                               | Excavated basin   | CuYd  | \$1.72     |
| 350  | Sediment Basin                               | HU-Excavated basin  | CuYd  | \$2.07     |

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|------|------------------------|---|-------|------------|
| 351  | Well Decommissioning   | Dug Well  | No    | \$1,523.72 |
| 351  | Well Decommissioning   | HU-Dug Well   | No    | \$1,828.47 |
| 351  | Well Decommissioning   | Dug Well Sealed with Grout  | No    | \$806.43   |
| 351  | Well Decommissioning   | HU-Dug Well Sealed with Grout   | No    | \$967.71   |
| 353  | Monitoring Well        | Borehole, 200 Ft. Depth or Less   | Ft    | \$85.08    |
| 353  | Monitoring Well        | HU-Borehole, 200 Ft. Depth or Less  | Ft    | \$102.09   |
| 355  | Groundwater Testing    | Basic Water Test  | No    | \$46.40    |
| 355  | Groundwater Testing    | HU-Basic Water Test   | No    | \$55.67    |
| 355  | Groundwater Testing    | Full Spectrum Test  | No    | \$219.39   |
| 355  | Groundwater Testing    | HU-Full Spectrum Test   | No    | \$263.27   |
| 360  | Waste Facility Closure | Demolition of Concrete Waste Storage Structure  | Cu-Ft | \$0.20     |
| 360  | Waste Facility Closure | HU-Demolition of Concrete Waste Storage Structure   | Cu-Ft | \$0.23     |
| 360  | Waste Facility Closure | Liquid Waste Impoundment Closure with 75% Liquids and 25% Solids                              | Cu-Ft | \$0.15     |
| 360  | Waste Facility Closure | HU-Liquid Waste Impoundment Closure with 75% Liquids and 25% Solids                           | Cu-Ft | \$0.18     |
| 360  | Waste Facility Closure | Liquid Waste Impoundment Conversion to Fresh Water Storage with 25% Liquids and 75% Solids    | Cu-Ft | \$0.16     |
| 360  | Waste Facility Closure | HU-Liquid Waste Impoundment Conversion to Fresh Water Storage with 25% Liquids and 75% Solids | Cu-Ft | \$0.19     |
| 362  | Diversion              | Diversion with seed and mulch   | Ft    | \$5.78     |
| 362  | Diversion              | HU-Diversion with seed and mulch  | Ft    | \$6.94     |
| 367  | Roofs and Covers       | Fabric Roof with Concrete Foundation  | SqFt  | \$11.87    |
| 367  | Roofs and Covers       | HU-Fabric Roof with Concrete Foundation   | SqFt  | \$14.24    |
| 367  | Roofs and Covers       | Fabric Roof with Timber Foundation  | SqFt  | \$9.20     |
| 367  | Roofs and Covers       | HU-Fabric Roof with Timber Foundation   | SqFt  | \$11.04    |
| 367  | Roofs and Covers       | Pump Building with No Foundation up to 500 SF   | SqFt  | \$12.27    |
| 367  | Roofs and Covers       | HU-Pump Building with No Foundation up to 500 SF  | SqFt  | \$14.73    |
| 367  | Roofs and Covers       | Small Timber Framed Roof with No Foundation < 1000 SF   | SqFt  | \$12.62    |
| 367  | Roofs and Covers       | HU-Small Timber Framed Roof with No Foundation < 1000 SF                                      | SqFt  | \$15.15    |
| 367  | Roofs and Covers       | Timber Framed Roof with No Foundation   | SqFt  | \$11.37    |
| 367  | Roofs and Covers       | HU-Timber Framed Roof with No Foundation  | SqFt  | \$13.64    |

| Code | Practice                                  | Component   | Units | Unit Cost    |
|------|---|---|-------|--------------|
| 367  | Roofs and Covers                          | Timber Framed Roof with Timber Foundation           | SqFt  | \$13.31      |
| 367  | Roofs and Covers                          | HU-Timber Framed Roof with Timber Foundation        | SqFt  | \$15.97      |
| 368  | Emergency Animal Mortality Management     | Burial  | AU    | \$72.35      |
| 368  | Emergency Animal Mortality Management     | HU-Burial   | AU    | \$86.82      |
| 368  | Emergency Animal Mortality Management     | In-House Composting                                 | AU    | \$73.59      |
| 368  | Emergency Animal Mortality Management     | HU-In-House Composting                              | AU    | \$88.31      |
| 382  | Fence                                     | 2-4 Wire Electrified, High Tensile                  | Ft    | \$2.05       |
| 382  | Fence                                     | HU-2-4 Wire Electrified, High Tensile               | Ft    | \$2.45       |
| 382  | Fence                                     | 5-6 Wire, Electrified, High Tensile                 | Ft    | \$2.27       |
| 382  | Fence                                     | HU-5-6 Wire, Electrified, High Tensile              | Ft    | \$2.73       |
| 382  | Fence                                     | 96 inch exclusion fence                             | Ft    | \$7.38       |
| 382  | Fence                                     | HU-96 inch exclusion fence                          | Ft    | \$8.86       |
| 382  | Fence                                     | Barbed Wire   | Ft    | \$2.41       |
| 382  | Fence                                     | HU-Barbed Wire                                      | Ft    | \$2.89       |
| 382  | Fence                                     | Chain Link/Safety                                   | Ft    | \$8.34       |
| 382  | Fence                                     | HU-Chain Link/Safety                                | Ft    | \$10.01      |
| 382  | Fence                                     | Interior, electrified                               | Ft    | \$0.88       |
| 382  | Fence                                     | HU-Interior, electrified                            | Ft    | \$1.06       |
| 382  | Fence                                     | Woven Wire  | Ft    | \$3.25       |
| 382  | Fence                                     | HU-Woven Wire                                       | Ft    | \$3.90       |
| 391  | Riparian Forest Buffer                    | High Risk Areas                                     | Ac    | \$5,993.58   |
| 391  | Riparian Forest Buffer                    | HU-High Risk Areas                                  | Ac    | \$7,138.21   |
| 393  | Filter Strip                              | Filter Strip, Introduced species, Forgone Income    | Ac    | \$400.78     |
| 393  | Filter Strip                              | HU-Filter Strip, Introduced species, Forgone Income | Ac    | \$426.84     |
| 395  | Stream Habitat Improvement and Management | Complex Stream Structure                            | CuYd  | \$396.19     |
| 395  | Stream Habitat Improvement and Management | HU-Complex Stream Structure                         | CuYd  | \$475.43     |
| 395  | Stream Habitat Improvement and Management | Mechanical instream wood placement                  | Ac    | \$14,689.19  |
| 395  | Stream Habitat Improvement and Management | HU-Mechanical instream wood placement               | Ac    | \$17,627.02  |
| 395  | Stream Habitat Improvement and Management | Stream Restoration - High                           | Ac    | \$236,232.03 |

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|------|---|------------------------------------|-------|--------------|
| 395  | Stream Habitat Improvement and Management | HU-Stream Restoration - High       | Ac    | \$283,478.44 |
| 410  | Grade Stabilization Structure             | Catch Basin and Pipe =< 24 inch    | No    | \$5,059.73   |
| 410  | Grade Stabilization Structure             | HU-Catch Basin and Pipe =< 24 inch | No    | \$6,071.68   |
| 410  | Grade Stabilization Structure             | Catch Basin and Pipe >24 inch      | No    | \$8,867.76   |
| 410  | Grade Stabilization Structure             | HU-Catch Basin and Pipe >24 inch   | No    | \$10,641.31  |
| 410  | Grade Stabilization Structure             | Check Dams                         | CuYd  | \$79.72      |
| 410  | Grade Stabilization Structure             | HU-Check Dams                      | CuYd  | \$95.66      |
| 410  | Grade Stabilization Structure             | Concrete Weir                      | SqFt  | \$201.67     |
| 410  | Grade Stabilization Structure             | HU-Concrete Weir                   | SqFt  | \$242.00     |
| 410  | Grade Stabilization Structure             | Embankment, Pipe <= 6 inch         | CuYd  | \$4.66       |
| 410  | Grade Stabilization Structure             | HU-Embankment, Pipe <= 6 inch      | CuYd  | \$5.59       |
| 410  | Grade Stabilization Structure             | Embankment, Pipe >12 inch          | CuYd  | \$6.93       |
| 410  | Grade Stabilization Structure             | HU-Embankment, Pipe >12 inch       | CuYd  | \$8.31       |
| 410  | Grade Stabilization Structure             | Embankment, Pipe 8-12 inch         | CuYd  | \$5.38       |
| 410  | Grade Stabilization Structure             | HU-Embankment, Pipe 8-12 inch      | CuYd  | \$6.46       |
| 410  | Grade Stabilization Structure             | Embankment, Soil Treatment         | CuYd  | \$7.66       |
| 410  | Grade Stabilization Structure             | HU-Embankment, Soil Treatment      | CuYd  | \$9.19       |
| 410  | Grade Stabilization Structure             | Log Drop Structures                | No    | \$4,325.28   |
| 410  | Grade Stabilization Structure             | HU-Log Drop Structures             | No    | \$5,190.34   |
| 410  | Grade Stabilization Structure             | Pipe Drop, Plastic                 | SqFt  | \$27.61      |
| 410  | Grade Stabilization Structure             | HU-Pipe Drop, Plastic              | SqFt  | \$33.13      |
| 410  | Grade Stabilization Structure             | Pipe Drop, Steel                   | SqFt  | \$23.76      |
| 410  | Grade Stabilization Structure             | HU-Pipe Drop, Steel                | SqFt  | \$28.51      |
| 410  | Grade Stabilization Structure             | Rock Chute                         | CuYd  | \$78.81      |
| 410  | Grade Stabilization Structure             | HU-Rock Chute                      | CuYd  | \$94.57      |
| 410  | Grade Stabilization Structure             | Rock Drop Structures               | SqFt  | \$65.12      |
| 410  | Grade Stabilization Structure             | HU-Rock Drop Structures            | SqFt  | \$78.15      |
| 410  | Grade Stabilization Structure             | Sheetpile Weir                     | SqFt  | \$216.75     |
| 410  | Grade Stabilization Structure             | HU-Sheetpile Weir                  | SqFt  | \$260.10     |



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| 410  | Grade Stabilization Structure      | Weir Drop Structures   | SqFt  | \$86.50    |
| 410  | Grade Stabilization Structure      | HU-Weir Drop Structures  | SqFt  | \$103.80   |
| 412  | Grassed Waterway                   | Base Waterway, Seeding   | SqFt  | \$0.21     |
| 412  | Grassed Waterway                   | HU-Base Waterway, Seeding  | SqFt  | \$0.25     |
| 430  | Irrigation Pipeline                | HDPE (Iron Pipe Size & Tubing) greater than 3in to 8in diameter            | Lb    | \$2.63     |
| 430  | Irrigation Pipeline                | HU-HDPE (Iron Pipe Size & Tubing) greater than 3in to 8in diameter         | Lb    | \$3.15     |
| 430  | Irrigation Pipeline                | PVC (Iron Pipe Size) 8in or less diam                                      | Lb    | \$2.26     |
| 430  | Irrigation Pipeline                | HU-PVC (Iron Pipe Size) 8in or less diam                                   | Lb    | \$2.71     |
| 430  | Irrigation Pipeline                | PVC (Iron Pipe Size) 8in or less diameter with 4 in sand bedding           | Lb    | \$2.36     |
| 430  | Irrigation Pipeline                | HU-PVC (Iron Pipe Size) 8in or less diameter with 4 in sand bedding        | Lb    | \$2.84     |
| 430  | Irrigation Pipeline                | Surface HDPE (Iron Pipe Size & Tubing)                                     | Lb    | \$2.48     |
| 430  | Irrigation Pipeline                | HU-Surface HDPE (Iron Pipe Size & Tubing)                                  | Lb    | \$2.98     |
| 432  | Dry Hydrant                        | PVC  | No    | \$2,236.62 |
| 432  | Dry Hydrant                        | HU-PVC   | No    | \$2,683.95 |
| 436  | Irrigation Reservoir               | Embankment Dam with On-Site Borrow   | CuYd  | \$4.28     |
| 436  | Irrigation Reservoir               | HU-Embankment Dam with On-Site Borrow                                      | CuYd  | \$5.14     |
| 436  | Irrigation Reservoir               | Excavated Spread On Site   | CuYd  | \$5.06     |
| 436  | Irrigation Reservoir               | HU-Excavated Spread On Site  | CuYd  | \$6.07     |
| 436  | Irrigation Reservoir               | Fiberglass Tank  | Gal   | \$0.92     |
| 436  | Irrigation Reservoir               | HU-Fiberglass Tank   | Gal   | \$1.10     |
| 436  | Irrigation Reservoir               | Plastic Tank   | Gal   | \$1.06     |
| 436  | Irrigation Reservoir               | HU-Plastic Tank  | Gal   | \$1.28     |
| 436  | Irrigation Reservoir               | Plastic Tank Buried  | Gal   | \$1.22     |
| 436  | Irrigation Reservoir               | HU-Plastic Tank Buried   | Gal   | \$1.46     |
| 436  | Irrigation Reservoir               | Tailwater Recovery Greenhouse  | Gal   | \$2.92     |
| 436  | Irrigation Reservoir               | HU-Tailwater Recovery Greenhouse   | Gal   | \$3.51     |
| 441  | Irrigation System, Microirrigation | Automated Surface Permanent PE Tube with Media Filter Laterals 14 ft oc    | Ac    | \$1,854.42 |
| 441  | Irrigation System, Microirrigation | HU-Automated Surface Permanent PE Tube with Media Filter Laterals 14 ft oc | Ac    | \$2,225.30 |
| 441  | Irrigation System, Microirrigation | Automated Surface Permanent PE Tube with Media Filter Laterals 9 ft oc     | Ac    | \$2,337.66 |



| Code | Practice                           | Component   | Units | Unit Cost   |
|------|------------------------------------|---|-------|-------------|
| 441  | Irrigation System, Microirrigation | HU-Automated Surface Permanent PE Tube with Media Filter Laterals 9 ft oc | Ac    | \$2,805.19  |
| 441  | Irrigation System, Microirrigation | Hoop House Surface Microirrigation  | SqFt  | \$0.13      |
| 441  | Irrigation System, Microirrigation | HU-Hoop House Surface Microirrigation                                     | SqFt  | \$0.15      |
| 441  | Irrigation System, Microirrigation | Microjet with Filter  | Ac    | \$2,173.09  |
| 441  | Irrigation System, Microirrigation | HU-Microjet with Filter   | Ac    | \$2,607.71  |
| 441  | Irrigation System, Microirrigation | Multiple Outlet Drip  | SqFt  | \$0.30      |
| 441  | Irrigation System, Microirrigation | HU-Multiple Outlet Drip   | SqFt  | \$0.36      |
| 441  | Irrigation System, Microirrigation | SDI (Subsurface Drip Irrigation)  | Ac    | \$1,490.70  |
| 441  | Irrigation System, Microirrigation | HU-SDI (Subsurface Drip Irrigation)                                       | Ac    | \$1,788.84  |
| 441  | Irrigation System, Microirrigation | Surface Tape <5 acres   | Ac    | \$2,889.96  |
| 441  | Irrigation System, Microirrigation | HU-Surface Tape <5 acres  | Ac    | \$3,467.95  |
| 441  | Irrigation System, Microirrigation | Surface Tape > or = 5 acres   | Ac    | \$1,915.34  |
| 441  | Irrigation System, Microirrigation | HU-Surface Tape > or = 5 acres  | Ac    | \$2,298.41  |
| 442  | Sprinkler System                   | Center Pivot System   | Ft    | \$47.61     |
| 442  | Sprinkler System                   | HU-Center Pivot System  | Ft    | \$57.14     |
| 442  | Sprinkler System                   | Lateral Move System > 1000 LF   | Ft    | \$68.01     |
| 442  | Sprinkler System                   | HU-Lateral Move System > 1000 LF  | Ft    | \$81.61     |
| 442  | Sprinkler System                   | Linear Move System  | Ft    | \$84.58     |
| 442  | Sprinkler System                   | HU-Linear Move System   | Ft    | \$101.49    |
| 442  | Sprinkler System                   | Pod System  | No    | \$207.37    |
| 442  | Sprinkler System                   | HU-Pod System   | No    | \$248.84    |
| 442  | Sprinkler System                   | Solid Set System  | Ac    | \$3,203.27  |
| 442  | Sprinkler System                   | HU-Solid Set System   | Ac    | \$3,843.92  |
| 442  | Sprinkler System                   | Traveling Boom  | Lnft  | \$309.55    |
| 442  | Sprinkler System                   | HU-Traveling Boom   | Lnft  | \$371.46    |
| 442  | Sprinkler System                   | Traveling Gun System, < 2 inch Hose                                       | No    | \$6,788.77  |
| 442  | Sprinkler System                   | HU-Traveling Gun System, < 2 inch Hose                                    | No    | \$8,146.53  |
| 442  | Sprinkler System                   | Traveling Gun System, > 3 inch Hose                                       | No    | \$31,970.64 |
| 442  | Sprinkler System                   | HU-Traveling Gun System, > 3 inch Hose                                    | No    | \$38,364.77 |

| Code | Practice                                  | Component   | Units | Unit Cost   |
|------|---|---|-------|-------------|
| 442  | Sprinkler System                          | Traveling Gun System, 2 inch to 3 inch Hose         | No    | \$16,903.70 |
| 442  | Sprinkler System                          | HU-Traveling Gun System, 2 inch to 3 inch Hose      | No    | \$20,284.44 |
| 443  | Irrigation System, Surface and Subsurface | Flood (Ebb and Flow) Bench Irrigation               | SqFt  | \$8.44      |
| 443  | Irrigation System, Surface and Subsurface | HU-Flood (Ebb and Flow) Bench Irrigation            | SqFt  | \$10.13     |
| 443  | Irrigation System, Surface and Subsurface | Flood Floor Irrigation                              | SqFt  | \$5.37      |
| 443  | Irrigation System, Surface and Subsurface | HU-Flood Floor Irrigation                           | SqFt  | \$6.44      |
| 449  | Irrigation Water Management               | Advanced IWM <= 30 acres                            | Ac    | \$39.11     |
| 449  | Irrigation Water Management               | HU-Advanced IWM <= 30 acres                         | Ac    | \$46.93     |
| 449  | Irrigation Water Management               | Advanced IWM > 30 acres                             | Ac    | \$13.51     |
| 449  | Irrigation Water Management               | HU-Advanced IWM > 30 acres                          | Ac    | \$16.21     |
| 449  | Irrigation Water Management               | Basic IWM <= 30 acres                               | Ac    | \$23.47     |
| 449  | Irrigation Water Management               | HU-Basic IWM <= 30 acres                            | Ac    | \$28.16     |
| 449  | Irrigation Water Management               | Basic IWM > 30 acres                                | Ac    | \$8.63      |
| 449  | Irrigation Water Management               | HU-Basic IWM > 30 acres                             | Ac    | \$10.36     |
| 449  | Irrigation Water Management               | Intermediate IWM <= 30 acres                        | Ac    | \$31.29     |
| 449  | Irrigation Water Management               | HU-Intermediate IWM <= 30 acres                     | Ac    | \$37.55     |
| 449  | Irrigation Water Management               | Intermediate IWM > 30 acres                         | Ac    | \$11.07     |
| 449  | Irrigation Water Management               | HU-Intermediate IWM > 30 acres                      | Ac    | \$13.29     |
| 449  | Irrigation Water Management               | IWM w weather station                               | No    | \$3,434.35  |
| 449  | Irrigation Water Management               | HU-IWM w weather station                            | No    | \$4,121.22  |
| 449  | Irrigation Water Management               | Soil Moisture Sensors with Data Recorder_1stYear    | No    | \$1,428.20  |
| 449  | Irrigation Water Management               | HU-Soil Moisture Sensors with Data Recorder_1stYear | No    | \$1,713.84  |
| 449  | Irrigation Water Management               | Soil Moisture Sensors_1st Year                      | No    | \$1,033.15  |
| 449  | Irrigation Water Management               | HU-Soil Moisture Sensors_1st Year                   | No    | \$1,239.78  |
| 468  | Lined Waterway or Outlet                  | Concrete  | SqFt  | \$5.69      |
| 468  | Lined Waterway or Outlet                  | HU-Concrete   | SqFt  | \$6.83      |
| 468  | Lined Waterway or Outlet                  | Riprap  | CuYd  | \$71.77     |
| 468  | Lined Waterway or Outlet                  | HU-Riprap   | CuYd  | \$86.12     |
| 468  | Lined Waterway or Outlet                  | Stone Centered Grassed Waterway                     | SqFt  | \$0.93      |

| Code | Practice                    | Component   | Units | Unit Cost  |
|------|-----------------------------|---|-------|------------|
| 468  | Lined Waterway or Outlet    | HU-Stone Centered Grassed Waterway                          | SqFt  | \$1.11     |
| 468  | Lined Waterway or Outlet    | Turf Reinforced Matting                                     | SqFt  | \$1.05     |
| 468  | Lined Waterway or Outlet    | HU-Turf Reinforced Matting                                  | SqFt  | \$1.26     |
| 472  | Access Control              | Hibernaculum Bat Gate                                       | SqFt  | \$60.62    |
| 472  | Access Control              | HU-Hibernaculum Bat Gate                                    | SqFt  | \$72.75    |
| 472  | Access Control              | Trails/Roads Access Control                                 | No    | \$473.74   |
| 472  | Access Control              | HU-Trails/Roads Access Control                              | No    | \$568.49   |
| 484  | Mulching                    | Synthetic Material  | Ac    | \$245.91   |
| 484  | Mulching                    | HU-Synthetic Material                                       | Ac    | \$295.09   |
| 490  | Tree/Shrub Site Preparation | Mechanical - Heavy  | Ac    | \$156.42   |
| 490  | Tree/Shrub Site Preparation | HU-Mechanical - Heavy                                       | Ac    | \$187.70   |
| 500  | Obstruction Removal         | Removal and Disposal of Fence                               | Ft    | \$0.79     |
| 500  | Obstruction Removal         | HU-Removal and Disposal of Fence                            | Ft    | \$0.95     |
| 500  | Obstruction Removal         | Removal and Disposal of Rock and or Boulders                | Ac    | \$2,211.47 |
| 500  | Obstruction Removal         | HU-Removal and Disposal of Rock and or Boulders             | Ac    | \$2,653.77 |
| 500  | Obstruction Removal         | Removal and Disposal of Steel and or Concrete Structures    | SqFt  | \$10.69    |
| 500  | Obstruction Removal         | HU-Removal and Disposal of Steel and or Concrete Structures | SqFt  | \$12.83    |
| 500  | Obstruction Removal         | Removal and Disposal of Wood Structures                     | SqFt  | \$5.35     |
| 500  | Obstruction Removal         | HU-Removal and Disposal of Wood Structures                  | SqFt  | \$6.41     |
| 500  | Obstruction Removal         | Rock Excavation   | CuYd  | \$29.87    |
| 500  | Obstruction Removal         | HU-Rock Excavation  | CuYd  | \$35.84    |
| 511  | Forage Harvest Management   | Improved Forage Quality                                     | Ac    | \$4.20     |
| 511  | Forage Harvest Management   | HU-Improved Forage Quality                                  | Ac    | \$5.04     |
| 512  | Pasture and Hay Planting    | Cool Season, Establish or Reseed                            | Ac    | \$266.37   |
| 512  | Pasture and Hay Planting    | HU-Cool Season, Establish or Reseed                         | Ac    | \$319.65   |
| 512  | Pasture and Hay Planting    | Cool Season, Establish or Reseed, Foregone Income           | Ac    | \$491.11   |
| 512  | Pasture and Hay Planting    | HU-Cool Season, Establish or Reseed, Foregone Income        | Ac    | \$544.38   |
| 512  | Pasture and Hay Planting    | Cool Season, Establish or Reseed, Organic                   | Ac    | \$326.02   |
| 512  | Pasture and Hay Planting    | HU-Cool Season, Establish or Reseed, Organic                | Ac    | \$391.23   |

| Code | Practice                 | Component  | Units | Unit Cost  |
|------|--------------------------|--|-------|------------|
| 512  | Pasture and Hay Planting | Cool Season, Establish or Reseed, Organic, Foregone Income                   | Ac    | \$591.32   |
| 512  | Pasture and Hay Planting | HU-Cool Season, Establish or Reseed, Organic, Foregone Income                | Ac    | \$656.53   |
| 512  | Pasture and Hay Planting | Rejuvenate   | Ac    | \$199.45   |
| 512  | Pasture and Hay Planting | HU-Rejuvenate  | Ac    | \$239.35   |
| 512  | Pasture and Hay Planting | Rejuvenate, Organic  | Ac    | \$212.70   |
| 512  | Pasture and Hay Planting | HU-Rejuvenate, Organic   | Ac    | \$255.24   |
| 512  | Pasture and Hay Planting | Warm Season, Native, Establish or Reseed                                     | Ac    | \$305.33   |
| 512  | Pasture and Hay Planting | HU-Warm Season, Native, Establish or Reseed                                  | Ac    | \$366.39   |
| 512  | Pasture and Hay Planting | Warm Season, Native, Establish or Reseed, Foregone Income                    | Ac    | \$530.06   |
| 512  | Pasture and Hay Planting | HU-Warm Season, Native, Establish or Reseed, Foregone Income                 | Ac    | \$591.12   |
| 516  | Livestock Pipeline       | PE Pipe less than or equal to 1 in. Dia., Buried 4ft Deep w/sand bedding     | Ft    | \$5.35     |
| 516  | Livestock Pipeline       | HU-PE Pipe less than or equal to 1 in. Dia., Buried 4ft Deep w/sand bedding  | Ft    | \$6.42     |
| 516  | Livestock Pipeline       | PE Pipe less than or equal to 1in. Dia., Buried 2ft Deep                     | Ft    | \$1.25     |
| 516  | Livestock Pipeline       | HU-PE Pipe less than or equal to 1in. Dia., Buried 2ft Deep                  | Ft    | \$1.50     |
| 516  | Livestock Pipeline       | PE Pipe, less than or equal to 1 in. Dia., Above Ground                      | Ft    | \$0.85     |
| 516  | Livestock Pipeline       | HU-PE Pipe, less than or equal to 1 in. Dia., Above Ground                   | Ft    | \$1.02     |
| 528  | Prescribed Grazing       | Deferred grazing   | Ac    | \$37.26    |
| 528  | Prescribed Grazing       | HU-Deferred grazing  | Ac    | \$39.73    |
| 528  | Prescribed Grazing       | Twice weekly moves   | Ac    | \$74.68    |
| 528  | Prescribed Grazing       | HU-Twice weekly moves  | Ac    | \$89.61    |
| 528  | Prescribed Grazing       | Weekly moves   | Ac    | \$28.67    |
| 528  | Prescribed Grazing       | HU-Weekly moves  | Ac    | \$34.40    |
| 533  | Pumping Plant            | Electric Powered Pump Less Than 3 HP with Adequate Pump Controls             | BHP   | \$1,886.58 |
| 533  | Pumping Plant            | HU-Electric Powered Pump Less Than 3 HP with Adequate Pump Controls          | BHP   | \$2,263.89 |
| 533  | Pumping Plant            | Electric-Powered Pump 10 to 40 HP  | BHP   | \$485.14   |
| 533  | Pumping Plant            | HU-Electric-Powered Pump 10 to 40 HP   | BHP   | \$582.17   |
| 533  | Pumping Plant            | Electric-Powered Pump 3 up to less than 10 HP with Adequate Pump Controls    | BHP   | \$754.67   |
| 533  | Pumping Plant            | HU-Electric-Powered Pump 3 up to less than 10 HP with Adequate Pump Controls | BHP   | \$905.60   |
| 533  | Pumping Plant            | Internal Combustion Powered Pump less than 7.5 HP                            | BHP   | \$631.61   |

| Code | Practice              | Component  | Units | Unit Cost   |
|------|-----------------------|--|-------|-------------|
| 533  | Pumping Plant         | HU-Internal Combustion Powered Pump less than 7.5 HP           | BHP   | \$757.94    |
| 533  | Pumping Plant         | Internal Combustion-Powered Pump 7.5 to 75 HP                  | BHP   | \$509.28    |
| 533  | Pumping Plant         | HU-Internal Combustion-Powered Pump 7.5 to 75 HP               | BHP   | \$611.13    |
| 533  | Pumping Plant         | Internal Combustion-Powered Pump over 75 HP                    | BHP   | \$481.86    |
| 533  | Pumping Plant         | HU-Internal Combustion-Powered Pump over 75 HP                 | BHP   | \$578.23    |
| 533  | Pumping Plant         | Livestock Nose Pump  | No    | \$963.73    |
| 533  | Pumping Plant         | HU-Livestock Nose Pump   | No    | \$1,156.48  |
| 533  | Pumping Plant         | Manure PTO Vertical Shaft Pump                                 | No    | \$21,848.25 |
| 533  | Pumping Plant         | HU-Manure PTO Vertical Shaft Pump                              | No    | \$26,217.90 |
| 533  | Pumping Plant         | Photovoltaic-Powered Pump 0.25 HP to less than 0.5 HP          | No    | \$2,485.47  |
| 533  | Pumping Plant         | HU-Photovoltaic-Powered Pump 0.25 HP to less than 0.5 HP       | No    | \$2,982.56  |
| 533  | Pumping Plant         | Photovoltaic-Powered Pump 0.5 HP up to and including 1.0 HP    | No    | \$3,960.08  |
| 533  | Pumping Plant         | HU-Photovoltaic-Powered Pump 0.5 HP up to and including 1.0 HP | No    | \$4,752.10  |
| 533  | Pumping Plant         | Photovoltaic-Powered Pump greater than 1 HP                    | No    | \$4,949.24  |
| 533  | Pumping Plant         | HU-Photovoltaic-Powered Pump greater than 1 HP                 | No    | \$5,939.08  |
| 533  | Pumping Plant         | Solid Piston Manure Pump                                       | No    | \$36,801.17 |
| 533  | Pumping Plant         | HU-Solid Piston Manure Pump                                    | No    | \$44,161.40 |
| 533  | Pumping Plant         | Solids Handling Wastewater Pump over 2Hp                       | No    | \$5,742.39  |
| 533  | Pumping Plant         | HU-Solids Handling Wastewater Pump over 2Hp                    | No    | \$6,890.87  |
| 533  | Pumping Plant         | Tractor Power Take Off (PTO) Pump                              | BHP   | \$125.80    |
| 533  | Pumping Plant         | HU-Tractor Power Take Off (PTO) Pump                           | BHP   | \$150.97    |
| 533  | Pumping Plant         | Variable Frequency Drive Less Than 10HP                        | HP    | \$190.69    |
| 533  | Pumping Plant         | HU-Variable Frequency Drive Less Than 10HP                     | HP    | \$228.83    |
| 533  | Pumping Plant         | Variable Frequency Drive over 10HP                             | HP    | \$96.12     |
| 533  | Pumping Plant         | HU-Variable Frequency Drive over 10HP                          | HP    | \$115.34    |
| 558  | Roof Runoff Structure | Concrete Swale   | Ft    | \$14.86     |
| 558  | Roof Runoff Structure | HU-Concrete Swale  | Ft    | \$17.83     |
| 558  | Roof Runoff Structure | Roof Gutter, Small   | Ft    | \$6.79      |
| 558  | Roof Runoff Structure | HU-Roof Gutter, Small  | Ft    | \$8.15      |

| Code | Practice                  | Component   | Units | Unit Cost  |
|------|---------------------------|---|-------|------------|
| 558  | Roof Runoff Structure     | Trench Drain, 4 in.   | Ft    | \$8.96     |
| 558  | Roof Runoff Structure     | HU-Trench Drain, 4 in.  | Ft    | \$10.75    |
| 558  | Roof Runoff Structure     | Trench Drain, 6 in.   | Ft    | \$9.56     |
| 558  | Roof Runoff Structure     | HU-Trench Drain, 6 in.  | Ft    | \$11.47    |
| 558  | Roof Runoff Structure     | Trench Drain, 8 in.   | Ft    | \$9.81     |
| 558  | Roof Runoff Structure     | HU-Trench Drain, 8 in.  | Ft    | \$11.77    |
| 560  | Access Road               | Rehabilitation of existing earth road in wet, sloped terrain    | Ft    | \$3.84     |
| 560  | Access Road               | HU-Rehabilitation of existing earth road in wet, sloped terrain | Ft    | \$4.60     |
| 561  | Heavy Use Area Protection | Bunk Silo Slab  | SqFt  | \$6.99     |
| 561  | Heavy Use Area Protection | HU-Bunk Silo Slab   | SqFt  | \$8.38     |
| 561  | Heavy Use Area Protection | Concrete with Curb up to 1000 SF                                | SqFt  | \$9.26     |
| 561  | Heavy Use Area Protection | HU-Concrete with Curb up to 1000 SF                             | SqFt  | \$11.11    |
| 561  | Heavy Use Area Protection | Concrete/Asphalt without Curb over 1000 SF                      | SqFt  | \$5.58     |
| 561  | Heavy Use Area Protection | HU-Concrete/Asphalt without Curb over 1000 SF                   | SqFt  | \$6.70     |
| 561  | Heavy Use Area Protection | Concrete/Asphalt without Curb up to 1000 SF                     | SqFt  | \$6.23     |
| 561  | Heavy Use Area Protection | HU-Concrete/Asphalt without Curb up to 1000 SF                  | SqFt  | \$7.48     |
| 561  | Heavy Use Area Protection | Curb with Footer  | Ft    | \$47.07    |
| 561  | Heavy Use Area Protection | HU-Curb with Footer   | Ft    | \$56.49    |
| 561  | Heavy Use Area Protection | Gravel or Wood Chip Pad   | SqFt  | \$2.50     |
| 561  | Heavy Use Area Protection | HU-Gravel or Wood Chip Pad                                      | SqFt  | \$3.00     |
| 570  | Stormwater Runoff Control | Silt Fence  | Ft    | \$1.75     |
| 570  | Stormwater Runoff Control | HU-Silt Fence   | Ft    | \$2.10     |
| 574  | Spring Development        | Perforated Well Tile Development                                | No    | \$1,569.06 |
| 574  | Spring Development        | HU-Perforated Well Tile Development                             | No    | \$1,882.88 |
| 574  | Spring Development        | Solid Well Tile & Pipe Development                              | No    | \$3,124.70 |
| 574  | Spring Development        | HU-Solid Well Tile & Pipe Development                           | No    | \$3,749.65 |
| 575  | Trails and Walkways       | Rock/Gravel on Geotextile, Walkway                              | Ft    | \$11.47    |
| 575  | Trails and Walkways       | HU-Rock/Gravel on Geotextile, Walkway                           | Ft    | \$13.76    |
| 578  | Stream Crossing           | Bridge with cast in place abutments, span > 14 feet             | SqFt  | \$112.92   |

| Code | Practice                            | Component  | Units | Unit Cost  |
|------|-------------------------------------|--|-------|------------|
| 578  | Stream Crossing                     | HU-Bridge with cast in place abutments, span > 14 feet             | SqFt  | \$135.51   |
| 578  | Stream Crossing                     | Bridge with precast abutments                                      | SqFt  | \$87.50    |
| 578  | Stream Crossing                     | HU-Bridge with precast abutments                                   | SqFt  | \$105.00   |
| 578  | Stream Crossing                     | Bridge, Light Weight Timber  | SqFt  | \$27.16    |
| 578  | Stream Crossing                     | HU-Bridge, Light Weight Timber                                     | SqFt  | \$32.59    |
| 578  | Stream Crossing                     | Bridge, prefabricated  | SqFt  | \$102.57   |
| 578  | Stream Crossing                     | HU-Bridge, prefabricated   | SqFt  | \$123.09   |
| 578  | Stream Crossing                     | Concrete Box Culvert   | SqFt  | \$82.96    |
| 578  | Stream Crossing                     | HU-Concrete Box Culvert  | SqFt  | \$99.56    |
| 578  | Stream Crossing                     | Culvert Installation, greater than or equal to 30 inch diameter    | InFt  | \$2.51     |
| 578  | Stream Crossing                     | HU-Culvert Installation, greater than or equal to 30 inch diameter | InFt  | \$3.01     |
| 578  | Stream Crossing                     | Low water crossing using prefabricated products                    | SqFt  | \$14.51    |
| 578  | Stream Crossing                     | HU-Low water crossing using prefabricated products                 | SqFt  | \$17.41    |
| 578  | Stream Crossing                     | Low Water Crossing, Riprap or Rock                                 | SqFt  | \$3.37     |
| 578  | Stream Crossing                     | HU-Low Water Crossing, Riprap or Rock                              | SqFt  | \$4.05     |
| 578  | Stream Crossing                     | Stream Simulation Culvert, with Headwalls                          | SqFt  | \$71.14    |
| 578  | Stream Crossing                     | HU-Stream Simulation Culvert, with Headwalls                       | SqFt  | \$85.36    |
| 578  | Stream Crossing                     | Timber Bridge with Block Abutments                                 | SqFt  | \$51.94    |
| 578  | Stream Crossing                     | HU-Timber Bridge with Block Abutments                              | SqFt  | \$62.33    |
| 580  | Streambank and Shoreline Protection | Bioengineered  | SqFt  | \$2.80     |
| 580  | Streambank and Shoreline Protection | HU-Bioengineered   | SqFt  | \$3.36     |
| 580  | Streambank and Shoreline Protection | Riprap   | CuYd  | \$71.10    |
| 580  | Streambank and Shoreline Protection | HU-Riprap  | CuYd  | \$85.32    |
| 585  | Stripcropping                       | Stripcropping - wind and water erosion                             | Ac    | \$1.32     |
| 585  | Stripcropping                       | HU-Stripcropping - wind and water erosion                          | Ac    | \$1.58     |
| 587  | Structure for Water Control         | Fish Screens <= 400 gpm  | No    | \$1,232.08 |
| 587  | Structure for Water Control         | HU-Fish Screens <= 400 gpm   | No    | \$1,478.49 |
| 587  | Structure for Water Control         | Flap Gate  | Ft    | \$1,422.05 |
| 587  | Structure for Water Control         | HU-Flap Gate   | Ft    | \$1,706.47 |



| Code | Practice                    | Component  | Units | Unit Cost  |
|------|-----------------------------|--|-------|------------|
| 587  | Structure for Water Control | Flap Gate w/ Concrete Wall   | CuYd  | \$990.01   |
| 587  | Structure for Water Control | HU-Flap Gate w/ Concrete Wall  | CuYd  | \$1,188.01 |
| 587  | Structure for Water Control | Flow Meter with Electronic Index   | In    | \$221.26   |
| 587  | Structure for Water Control | HU-Flow Meter with Electronic Index  | In    | \$265.51   |
| 587  | Structure for Water Control | Flow Meter with Electronic Index & Telemetry                                     | In    | \$317.13   |
| 587  | Structure for Water Control | HU-Flow Meter with Electronic Index & Telemetry                                  | In    | \$380.55   |
| 587  | Structure for Water Control | Flow Meter with Mechanical Index   | In    | \$124.37   |
| 587  | Structure for Water Control | HU-Flow Meter with Mechanical Index  | In    | \$149.25   |
| 587  | Structure for Water Control | Inlet Flashboard Riser, Metal  | InFt  | \$3.10     |
| 587  | Structure for Water Control | HU-Inlet Flashboard Riser, Metal   | InFt  | \$3.72     |
| 587  | Structure for Water Control | Slide Gate   | Ft    | \$1,460.55 |
| 587  | Structure for Water Control | HU-Slide Gate  | Ft    | \$1,752.67 |
| 590  | Nutrient Management         | Adaptive NM  | No    | \$2,009.51 |
| 590  | Nutrient Management         | HU-Adaptive NM   | No    | \$2,411.41 |
| 590  | Nutrient Management         | Basic NM (Non-Organic/Organic)   | Ac    | \$6.69     |
| 590  | Nutrient Management         | HU-Basic NM (Non-Organic/Organic)  | Ac    | \$8.02     |
| 590  | Nutrient Management         | Basic NM with Manure and/or Compost (Non-Organic/Organic)                        | Ac    | \$14.10    |
| 590  | Nutrient Management         | HU-Basic NM with Manure and/or Compost (Non-Organic/Organic)                     | Ac    | \$16.92    |
| 590  | Nutrient Management         | Basic NM with Manure Injection   | Ac    | \$35.73    |
| 590  | Nutrient Management         | HU-Basic NM with Manure Injection  | Ac    | \$42.88    |
| 590  | Nutrient Management         | Basic Precision NM (Non-Organic/Organic)   | Ac    | \$38.91    |
| 590  | Nutrient Management         | HU-Basic Precision NM (Non-Organic/Organic)                                      | Ac    | \$46.69    |
| 590  | Nutrient Management         | Small Farm NM (Non-Organic/Organic)  | No    | \$215.50   |
| 590  | Nutrient Management         | HU-Small Farm NM (Non-Organic/Organic)   | No    | \$258.60   |
| 606  | Subsurface Drain            | 6 inch Footing Drain w/ Geotextile Fabric  | Ft    | \$5.92     |
| 606  | Subsurface Drain            | HU-6 inch Footing Drain w/ Geotextile Fabric                                     | Ft    | \$7.10     |
| 606  | Subsurface Drain            | Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (No Gravel)                | Ft    | \$2.97     |
| 606  | Subsurface Drain            | HU-Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (No Gravel)             | Ft    | \$3.56     |
| 606  | Subsurface Drain            | Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (with 1'x2' Env.of Gravel) | Ft    | \$5.35     |

| Code | Practice                 | Component   | Units | Unit Cost  |
|------|--------------------------|---|-------|------------|
| 606  | Subsurface Drain         | HU-Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch (with 1'x2' Env.of Gravel) | Ft    | \$6.43     |
| 612  | Tree/Shrub Establishment | Hardwood Planting 1 gal pots  | Ac    | \$4,602.75 |
| 612  | Tree/Shrub Establishment | HU-Hardwood Planting 1 gal pots   | Ac    | \$5,523.30 |
| 612  | Tree/Shrub Establishment | Plant Small Areas/Quantities  | Ac    | \$1,948.15 |
| 612  | Tree/Shrub Establishment | HU-Plant Small Areas/Quantities   | Ac    | \$2,337.78 |
| 612  | Tree/Shrub Establishment | Shrub Bare Root Hand Planting In Sod Grasses  | No    | \$4.75     |
| 612  | Tree/Shrub Establishment | HU-Shrub Bare Root Hand Planting In Sod Grasses                                     | No    | \$5.70     |
| 614  | Watering Facility        | Frost Free Trough   | No    | \$636.22   |
| 614  | Watering Facility        | HU-Frost Free Trough  | No    | \$763.47   |
| 614  | Watering Facility        | Permanent Drinking and/or Storage 1000 to 5000 Gallons                              | Gal   | \$1.33     |
| 614  | Watering Facility        | HU-Permanent Drinking and/or Storage 1000 to 5000 Gallons                           | Gal   | \$1.59     |
| 614  | Watering Facility        | Permanent Drinking and/or Storage 500 to 1000 Gallons                               | Gal   | \$1.60     |
| 614  | Watering Facility        | HU-Permanent Drinking and/or Storage 500 to 1000 Gallons                            | Gal   | \$1.92     |
| 614  | Watering Facility        | Permanent Drinking and/or Storage over 5000 Gallons                                 | Gal   | \$0.53     |
| 614  | Watering Facility        | HU-Permanent Drinking and/or Storage over 5000 Gallons                              | Gal   | \$0.64     |
| 614  | Watering Facility        | Permanent Drinking and/or Storage up to 500 Gallons                                 | Gal   | \$2.87     |
| 614  | Watering Facility        | HU-Permanent Drinking and/or Storage up to 500 Gallons                              | Gal   | \$3.45     |
| 614  | Watering Facility        | Permanent Storage Tank  | Gal   | \$0.58     |
| 614  | Watering Facility        | HU-Permanent Storage Tank   | Gal   | \$0.70     |
| 614  | Watering Facility        | Portable Drinking and/or Storage  | Gal   | \$1.55     |
| 614  | Watering Facility        | HU-Portable Drinking and/or Storage   | Gal   | \$1.85     |
| 620  | Underground Outlet       | 10 inch High Density Polyethylene (HDPE) Pipe only                                  | Ft    | \$12.48    |
| 620  | Underground Outlet       | HU-10 inch High Density Polyethylene (HDPE) Pipe only                               | Ft    | \$14.98    |
| 620  | Underground Outlet       | 14 to 18 inch High Density Polyethylene (HDPE) Pipe with Catch Basin                | Ft    | \$26.52    |
| 620  | Underground Outlet       | HU-14 to 18 inch High Density Polyethylene (HDPE) Pipe with Catch Basin             | Ft    | \$31.83    |
| 620  | Underground Outlet       | 20 to 24 inch High Density Polyethylene (HDPE) Pipe with Catch Basin                | Ft    | \$37.25    |
| 620  | Underground Outlet       | HU-20 to 24 inch High Density Polyethylene (HDPE) Pipe with Catch Basin             | Ft    | \$44.70    |
| 620  | Underground Outlet       | 26 to 30 inch High Density Polyethylene (HDPE) Pipe with Catch Basin                | Ft    | \$43.05    |
| 620  | Underground Outlet       | HU-26 to 30 inch High Density Polyethylene (HDPE) Pipe with Catch Basin             | Ft    | \$51.66    |

| Code | Practice                         | Component  | Units   | Unit Cost  |
|------|----------------------------------|--|---------|------------|
| 620  | Underground Outlet               | 8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin over 50 feet in length     | Ft      | \$19.16    |
| 620  | Underground Outlet               | HU-8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin over 50 feet in length  | Ft      | \$22.99    |
| 620  | Underground Outlet               | 8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin up to 50 feet in length    | Ft      | \$38.64    |
| 620  | Underground Outlet               | HU-8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin up to 50 feet in length | Ft      | \$46.37    |
| 620  | Underground Outlet               | 8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin w/ Horizontal Boring       | Ft      | \$49.32    |
| 620  | Underground Outlet               | HU-8 to 12 inch High Density Polyethylene (HDPE) Pipe with Catch Basin w/ Horizontal Boring    | Ft      | \$59.19    |
| 620  | Underground Outlet               | 8 to 12 inch High Density Polyethylene (HDPE) Pipe with Riser                                  | Ft      | \$14.10    |
| 620  | Underground Outlet               | HU-8 to 12 inch High Density Polyethylene (HDPE) Pipe with Riser                               | Ft      | \$16.92    |
| 620  | Underground Outlet               | Over 30 inch High Density Polyethylene (HDPE) Pipe with Catch Basin                            | Ft      | \$58.41    |
| 620  | Underground Outlet               | HU-Over 30 inch High Density Polyethylene (HDPE) Pipe with Catch Basin                         | Ft      | \$70.10    |
| 629  | Waste Treatment                  | Dairy - MHMP STS Leaching Galleries  | Gal/Day | \$64.80    |
| 629  | Waste Treatment                  | HU-Dairy - MHMP STS Leaching Galleries   | Gal/Day | \$77.77    |
| 629  | Waste Treatment                  | Milking Parlor Waste Treatment System with Dosing System and Bark Beds                         | SqFt    | \$8.84     |
| 629  | Waste Treatment                  | HU-Milking Parlor Waste Treatment System with Dosing System and Bark Beds                      | SqFt    | \$10.61    |
| 632  | Waste Separation Facility        | Concrete Sand Settling Lane  | SqFt    | \$7.15     |
| 632  | Waste Separation Facility        | HU-Concrete Sand Settling Lane   | SqFt    | \$8.58     |
| 635  | Vegetated Treatment Area         | Graded Area, Mechanical Distribution   | Ac      | \$1,482.94 |
| 635  | Vegetated Treatment Area         | HU-Graded Area, Mechanical Distribution  | Ac      | \$1,779.52 |
| 635  | Vegetated Treatment Area         | Graded Area, Pumped Into A Basin, Gravity Flow Surface Application                             | SqFt    | \$0.23     |
| 635  | Vegetated Treatment Area         | HU-Graded Area, Pumped Into A Basin, Gravity Flow Surface Application                          | SqFt    | \$0.28     |
| 635  | Vegetated Treatment Area         | VTA Direct Flow - Surface Apply  | SqFt    | \$0.34     |
| 635  | Vegetated Treatment Area         | HU-VTA Direct Flow - Surface Apply   | SqFt    | \$0.41     |
| 635  | Vegetated Treatment Area         | VTA Existing with Spreader Curb  | SqFt    | \$0.42     |
| 635  | Vegetated Treatment Area         | HU-VTA Existing with Spreader Curb   | SqFt    | \$0.51     |
| 635  | Vegetated Treatment Area         | VTA New with Spreader Curb   | SqFt    | \$0.60     |
| 635  | Vegetated Treatment Area         | HU-VTA New with Spreader Curb  | SqFt    | \$0.71     |
| 635  | Vegetated Treatment Area         | VTA-surface application-gravity flow   | SqFt    | \$0.49     |
| 635  | Vegetated Treatment Area         | HU-VTA-surface application-gravity flow  | SqFt    | \$0.59     |
| 638  | Water and Sediment Control Basin | WASCOB greater than or equal to 350 CY   | CuYd    | \$4.04     |

| Code | Practice   | Component  | Units | Unit Cost   |
|------|--|--|-------|-------------|
| 638  | Water and Sediment Control Basin                     | HU-WASCOB greater than or equal to 350 CY                                  | CuYd  | \$4.85      |
| 638  | Water and Sediment Control Basin                     | WASCOB less than 350 CY  | CuYd  | \$6.21      |
| 638  | Water and Sediment Control Basin                     | HU-WASCOB less than 350 CY   | CuYd  | \$7.45      |
| 638  | Water and Sediment Control Basin                     | WASCOB less than 350 CY-Topsoil  | CuYd  | \$7.13      |
| 638  | Water and Sediment Control Basin                     | HU-WASCOB less than 350 CY-Topsoil   | CuYd  | \$8.55      |
| 642  | Water Well   | Dug Well   | No    | \$5,083.62  |
| 642  | Water Well   | HU-Dug Well  | No    | \$6,100.35  |
| 642  | Water Well   | Typical Well   | No    | \$5,170.42  |
| 642  | Water Well   | HU-Typical Well  | No    | \$6,204.50  |
| 642  | Water Well   | Typical Well, 6 inch   | Lnft  | \$16.25     |
| 642  | Water Well   | HU-Typical Well, 6 inch  | Lnft  | \$19.50     |
| 642  | Water Well   | Well Yield Test  | Hr    | \$142.79    |
| 642  | Water Well   | HU-Well Yield Test   | Hr    | \$171.35    |
| 643  | Restoration of Rare or Declining Natural Communities | Habitat Monitoring and Management, High Intensity and Complexity-Year 1    | No    | \$3,712.22  |
| 643  | Restoration of Rare or Declining Natural Communities | HU-Habitat Monitoring and Management, High Intensity and Complexity-Year 1 | No    | \$4,454.67  |
| 643  | Restoration of Rare or Declining Natural Communities | Oyster Reef Barge Crane  | Ac    | \$13,376.03 |
| 643  | Restoration of Rare or Declining Natural Communities | HU-Oyster Reef Barge Crane   | Ac    | \$16,051.24 |
| 645  | Upland Wildlife Habitat Management                   | Snags  | No    | \$7.88      |
| 645  | Upland Wildlife Habitat Management                   | HU- Snags  | No    | \$9.45      |
| 645  | Upland Wildlife Habitat Management                   | Mast/Apple Tree Release  | No    | \$15.75     |
| 645  | Upland Wildlife Habitat Management                   | HU-Mast/Apple Tree Release   | No    | \$18.90     |
| 647  | Early Successional Habitat Development-Mgt           | Heavy Mechanical High intensity cut  | Ac    | \$1,212.10  |
| 647  | Early Successional Habitat Development-Mgt           | HU-Heavy Mechanical High intensity cut                                     | Ac    | \$1,454.52  |
| 647  | Early Successional Habitat Development-Mgt           | Heavy Mechanical low intensity cut (Lg Patch Cut)                          | Ac    | \$703.73    |
| 647  | Early Successional Habitat Development-Mgt           | HU-Heavy Mechanical low intensity cut (Lg Patch Cut)                       | Ac    | \$844.48    |
| 647  | Early Successional Habitat Development-Mgt           | Mowing   | Ac    | \$81.25     |
| 647  | Early Successional Habitat Development-Mgt           | HU-Mowing  | Ac    | \$97.50     |
| 649  | Structures for Wildlife                              | Nesting Box, Small no pole   | No    | \$31.17     |
| 649  | Structures for Wildlife                              | HU-Nesting Box, Small no pole  | No    | \$37.40     |

| Code | Practice                         | Component   | Units | Unit Cost |
|------|----------------------------------|---|-------|-----------|
| 655  | Forest Trails and Landings       | Trail Erosion Control w/o Vegetation, Slopes < 35%    | Ft    | \$2.59    |
| 655  | Forest Trails and Landings       | HU-Trail Erosion Control w/o Vegetation, Slopes < 35% | Ft    | \$3.10    |
| 655  | Forest Trails and Landings       | Trail Erosion Control w/o Vegetation, Slopes >35%     | Ft    | \$4.19    |
| 655  | Forest Trails and Landings       | HU-Trail Erosion Control w/o Vegetation, Slopes >35%  | Ft    | \$5.03    |
| 666  | Forest Stand Improvement         | Pre-commercial Thinning Pole- Hand tools              | Ac    | \$401.65  |
| 666  | Forest Stand Improvement         | HU-Pre-commercial Thinning Pole- Hand tools           | Ac    | \$481.98  |
| 666  | Forest Stand Improvement         | Tree Marking Updated                                  | Ac    | \$96.15   |
| 666  | Forest Stand Improvement         | HU-Tree Marking Updated                               | Ac    | \$115.38  |
| 670  | Energy Efficient Lighting System | Automatic Controller System                           | No    | \$370.33  |
| 670  | Energy Efficient Lighting System | HU-Automatic Controller System                        | No    | \$444.40  |
| 670  | Energy Efficient Lighting System | Lighting - LED  | No    | \$9.17    |
| 670  | Energy Efficient Lighting System | HU-Lighting - LED                                     | No    | \$11.01   |
| 670  | Energy Efficient Lighting System | Linear LED fixture                                    | No    | \$58.25   |
| 670  | Energy Efficient Lighting System | HU-Linear LED fixture                                 | No    | \$69.90   |